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PATENT
Customer No. 22,852
Attorney Docket No. 09812.0373-00000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Yuji SEGAWA et al.) Group Art Unit: 1634
)
Application No.: 10/525,714) Examiner: Robert Thomas Crow
)
Filed: December 8, 2005) Confirmation No.: 5948
)
For: HYBRIDIZATION SENSING PART,)
SENSOR CHIP, AND)
HYBRIDIZATION METHOD)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants bring to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits.

Copies of the listed foreign and non-patent literature documents are attached.
Copies of the U.S. patents are not enclosed.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

Japanese Patent Publication No. 04-505763 claims priority to the same U.S. application as International Publication No. WO90/15070 and is cited on page 2 of the specification. Japanese Patent Publication No. 10-503841 claims priority to the same

U.S. applications as International Publication No. 95/35505 and is cited on page 3 of the specification. Hayashi, "Maikuromashine to Zairyo Gijutsu (Micro-machine and Material Technology)" is cited on page 14 of the specification.

A European Search Report from a corresponding application is enclosed. This search report cites Tomizawa et al., "Chirp Signal Pulse Compression Subsurface Radar Using a Delay Correlator."

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

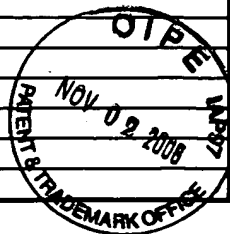
FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: November 2, 2006

By: 

Michael R. Kelly
Reg. No. 33,921

IDS Form PTO/SB/08: Substitute for form 1449A/PTO				Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/525,714	
				Filing Date	December 8, 2005	
				First Named Inventor	Yuji SEGAWA et al.	
				Art Unit	1634	
				Examiner Name	Robert Thomas Crow	
Attorney Docket Number	09812.0373-00000					
Sheet	1	of	1			



U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,583,892	12-10-1996	Brown et al.	
		US-7,010,056	03-07-2006	McCorkle et al.	
		US-			
		US-			

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		WO 90/15070	12-13-1990	Affymax Technologies		
		JP 04-505763	10-08-1992	Affymax Technologies		No
		WO 95/35505	12-28-1995	The Board of Trustees of the Leland Stanford Junior University		
		JP 10-503841	04-07-1998	The Board of Trustees of the Leland Stanford Junior University		No
		WO 02/31986	04-18-2002	Xtremespectrum, Inc.		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
		HAYASHI, "Maikuromashine to Zairyo Gijutsu (Micro-machine and Material Technology)", CMC Books, pp. 37-46, Chapter 5: Manipulation of Cells and DNA.	
		WASHIZU ET AL., "Electrostatic Manipulation of DNA in Microfabricated Structures", IEEE Transaction on Industrial Application, Vol. 26, No. 26, pages 1165-1172, 1990.	
		MICHAEL L. B. ET AL., "Multiple Pulse Generator for Ultra-Wideband Communication Using Hermite Polynomial Based Orthogonal Pulses", IEEE Conference on Ultra Wideband Systems and Technologies; May 21, 2002; pages 47-51.	
		WALTON M R ET AL., "Hermite Wavelets for Multicarrier Data Transmission", Proceedings of the South African Symposium on Communications and Signal Processing-Comsig; 6 August 1993; pages 40-45.	
		YUE YANSHENG ET AL., "An Ultra-Wide Band Orthogonal Digital Signal Generator", Proceedings of the International Conference on Signal Processing; Vol. 3; 21 August 2000; [pages 2086-2090.	
		TOMIZAWA YOSHIYUKI ET AL., "Chien Sokaki o Mochiita Chirp Shingo Pulse Asshuku Chichu Rader", IEICE Transactions of the Institute of Electronics; Information and Communication Engineers; vol. J83-B; No. 1; January 200; pages 113-120.	No

Examiner Signature	Date Considered
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.